

GKB Diplomat™ DZ180I IP Camera

Self-Networking High Speed Dome IP Camera with 18X Optic Zoom Lens

GKB Diplomat™ DZ180I is a professional Speed Dome IP camera for use in indoor areas and targeting large or tender-based installation projects requiring advanced network technologies. It is also the world's first professional network camera to feature automated self-networking for fast network set-up and installation.

Features:

- **Automated Self-Networking**

GKB Diplomat™ DZ180I is a self-networking IP camera that eliminates the need for complicated and time-consuming router configuration. Bundled GKB Envoy™ software reduces network set-up to less than 30 seconds.

- **H.264 Video Compression**

GKB Diplomat™ DZ180I features H.264 video compression for superior video resolution. The low bit-rate of H.264 codec makes for smoother video streaming, even under the most unfavorable of network environments.

- **Pan / Tilt / Zoom**

GKB Diplomat™ DZ180I features 360° continuous Pan, speed up to 240° /s; 90° auto flip Tilt, speed up to 120° /s; and 18X optical Zoom.

- **RS-458**

GKB Diplomat™ DZ180I is equipped with RS-485 interface which provides communication to control box for more efficient operation.

- **Two Way Audio**

Microphone and speaker can be attached to GKB Diplomat™ DZ180I via audio input and output jacks, which build a two way addressing system.

- **Mini SD Card Storage**

GKB Diplomat™ DZ180I has a mini SD card slot which preserves video recording in this individual storage even though the network connection is cut.



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Video	Image Sensor	1/4" Sony SUPERHAD CCD	
	Number of Effective Pixels	NTSC:768 (H) x 494 (V) 380K PAL:752 (H) x 582 (V) 440K	
	Lens	18X Optical Zoom (F=1.4~3.0, f=4.1~73.8mm) 12X Digital Zoom	
	ICR (IR-Cut filter)	Yes	
	Min. Shooting Distance	0.29m (Wide)/0.8m (Tele)	
	Min. Illumination	Normal Mode: 0.7 Lux (50IRE) / Night Mode : 0.01 Lux (ICR On)	
	Luminance S/N Ratio	50dB	
	Video Output	VBS: 1.0 Vp-p (Sync Negative), Y/C Output	
	BLC	ON/OFF	
	Flickerless	<NTSC>ON/OFF (1/100) <PAL>ON/OFF (1/120)	
White Balance	AWB/ATW/INDOOR/OUTDOOR		
Pan/Tilt	Pan Rotation Angle	360° Endless	
	Pan Speed	Up to 240°/sec	
	Tilt Rotation Angle	0° ~90°	
	Tilt Speed	Up to 120° /sec	
	System Accuracy	Approx. 2°	
Functions	Presets	128 Positions with 15-Character Label	
	Password Protection	By NVR	
	Aux Output	No	
	Auto Flip	Yes	
	Communication	RS-485, RJ-45	
	Protocol	Built in Pelco-D, Pelco-P	
	Motor Type	Stepper Motor	
	Micro Steps	1/8 Micro Step	
Power	13W Max / 12V DC		
Dimensions / Weight	2.5 kg		
Operating Temperature	0°C~70°C (32°F~158°F)		
Networking	Protocol	HTTP, TCP, UDP, DNS, DHCP, PPPoE, Samba	
	Ethernet	10/100Mbps Fast Ethernet, RJ-45 Port	
Software	Operating System	Windows XP and above	
	Software Package	64-Channel NVR	Viewer
		Remote Playback	Setup Software Utility

